

North London Reinforcement Project

Requirement 3 – Written scheme setting out all stages of the authorised development

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LIST OF ACRONYMS

CSE – Cable Sealing End

DCO – Development Consent Order

EFDC – Epping Forest District Council

GIS – Gas Insulated Switchgear

kV – kilovolt

Lee Valley Regional Park - LVRP

London Borough of Enfield – LBE

London Borough of Haringey – LBH

London Borough of Waltham Forest - LBWF

OHL – Overhead Line

PRoW – Public Right of Way

1 INTRODUCTION

1.1 This document

- 1.1.1 This document comprises a written scheme setting out all the stages of the authorised development for the North London Reinforcement Project ('the Project').
- 1.1.2 A written scheme of stages is required by Schedule 2, Requirement 3 of The National Grid (North London Reinforcement) Development Consent Order 2014 ('the DCO'). An extract of Schedule 2 is provided in Appendix A.
- 1.1.3 The Stage Plan has been updated iteratively over time to reflect changes to project programme and, by extension, the order that DCO Requirements will be discharged.
- 1.1.4 A summary of the changes made to the Stage Plan is set out as follows:
- **Version 1** (November 2018) was submitted to partially discharge Requirement 3 to allow for Stage 0 Early Enabling Works to take place. Partial approval for the details of Requirement 3 received from all relevant authorities by 03/01/2019.¹
 - **Version 2** (March 2023) provided a more detailed breakdown of Stages 1-5 of the project and was re-submitted to the relevant Local Authorities prior to the commencement Stage 3a, with partial approval received from all relevant authorities by 01/10/2023.²
- 1.1.5 **Version 3** (January 2025) aligned the Stage Plan with changes to the project's programme. Partial approval was received from LB Waltham Forest on 27/02/2025 and Epping Forest DC on 12/03/2025. It was withdrawn before approval by LB Haringey on 08/07/2025 and LB Enfield on 21/03/2025.³
- 1.1.6 **Version 4** (this version) (September 2025) is a minor update that incorporates new substages for landscaping for all substages, includes a reference that the temporary haul road for Stage 1b (Waltham Cross) could be delivered as the first activity subject to the partial discharge of the relevant requirements, amended the description of the haul road and access for Stage 2 (Brimsdown). Dates have also been updated to reflect changes to project programme.
- 1.1.7 Requirement 3 of the DCO states as follows:
- "3. The authorised development shall not commence until a written scheme setting out all the stages of the authorised development has, after consultation with the relevant highway authority and Lee Valley Regional Park Authority, been submitted to and approved by the relevant planning authority".*
- 1.1.8 Consultation with the relevant Highway Authorities (which are those listed below but also including Essex County Council) has taken place as part of the consultation with relevant Local Planning Authorities as listed below.

¹ Application reference numbers – Epping Forest District Council: PL/EPF/3123/18; London Borough of Enfield: 18/04500/DCO; London Borough of Haringey: HGY/2018/3384; London Borough of Waltham Forest: 183887

² Application reference numbers – Epping Forest District Council: EPF/0771/23; London Borough of Enfield: 23/01067/DCO; London Borough of Haringey: HGY/2023/0953; London Borough of Waltham Forest: 230884.

³ Application reference numbers – Epping Forest District Council: EPF/0226/25; London Borough of Enfield: 25/00378/DCO; London Borough of Haringey: HGY/2025/0241; London Borough of Waltham Forest: 250236.

1.1.9 Consultation with Lee Valley Regional Park has also taken place.

1.1.10 This document is submitted for approval to:

- Epping Forest District Council
- Enfield Council
- London Borough of Waltham Forest
- London Borough of Haringey

1.2 Overview of the Project

1.2.1 The DCO was made by the Secretary of State for Energy and Climate Change for the Project on 16 April 2014, and came into force on 7 May 2014. The DCO provides powers to National Grid to carry out the Project, which comprises of the replacement of the existing 275kV overhead line (OHL) with a 400kV OHL from Waltham Cross substation in Epping Forest, through Enfield, and then to Tottenham substation in Haringey. The DCO also contains powers to carry out associated works to the substations at Waltham Cross, Brimsdown and Tottenham.

1.2.2 The Project falls within the administrative boundaries of, Epping Forest District Council, Enfield Council, the London Borough of Waltham Forest, and the London Borough of Haringey. The Project is also within the administrative boundaries of the Greater London Authority and Essex County Council, though these are not relevant planning authorities in relation to the Project.

1.2.3 The Project includes the following elements:

- Existing 275kV route uprating to 400kV for 14km from the Waltham Cross substation to Tottenham substation. This would comprise of:
 - The existing 275kV conductor cables (wires) to be removed and replaced (i.e. reconducted) with 400kV wires. This would use the existing pylons.
- An extension to the Waltham Cross substation to provide a new 400kV Gas Insulated Switchgear (GIS) substation and associated OHL entry modifications.

1.2.4 The replacement of two 275/132 kV Super Grid Transformers (SGTs) at Brimsdown with two new 400/132kV SGTs, located both inside and partially outside the existing Brimsdown substation boundary, with underground cable connections between these new SGTs and the existing substation.

Works to bypass Tottenham substation, including the construction of a new pylon (VC1R) and cable sealing end (CSE) compound south of the Tottenham substation, and the removal of the existing VC1 pylon.

- Associated works, for example, temporary access roads, highway works temporary construction compounds, scaffolds, work sites and ancillary works.

2 SCHEME SETTING OUT ALL STAGES OF THE AUTHORISED DEVELOPMENT

2.1 Stages of the authorised development

2.1.1 The Project has been divided into 5 stages, as set out in Table 2.1 below.

2.1.2 The Works Plans show the location of Pylons and other features referenced below. Plans showing the division of stages are provided in Appendices B and C.

Table 2.1 - stages of the authorised development

Stage	Name	Description	Work Nos	Indicative Period of works	Relevant Local Planning Authority
0	Early enabling works	Construction of 12 foundations for Cable Sealing End Compounds at Tottenham substation, at the location of pylon VC1R. <i>[This stage of work has been completed and is therefore not detailed in this document]</i>	N/A	Q1 2019 – Q3 2019	London Borough of Haringey
1a	Stubbins Hall Lane Laydown and Car Park	~~Establishment of a laydown area and car park by Stubbins Hall Lane to facilitate construction works in stage 1b.~~ <i>[Not to be completed]</i>	5	Q1 2026 – Q3 2026	~~Epping Forest District Council~~
1b	Waltham Cross substation	Construction of new gas insulated switchgear substation at Waltham Cross.	4 (a-n)	Q1 2026 – Q3 2027	Epping Forest District Council
1c	Waltham Cross landscaping	Landscaping works associated with Waltham Cross substation	N/A	Q2 2027 – Q3 2027	Epping Forest District Council
2a	Brimsdown substation early works	Works related to the extension of the existing Brimsdown substation. Remodelling existing bund and works to temporarily divert footpath.	6, 7c	Q3 2026 – Q4 2028	London Borough of Enfield

Stage	Name	Description	Work Nos	Indicative Period of works	Relevant Local Planning Authority
2b	Brimsdown substation main works	Construction of a new bridge over the Small River Lee (Turkey Brook). Installation of cable sealing end compound at ZBC19, and underground cables to Brimsdown substation. Removal of cable sealing end compounds at ZBC20, and cables between ZBC20 and Brimsdown substation. Creation of new permanent footpath linking footpath at dismantled railway to Footpath No. 103; and new diversion Footpath No. 103.	7a, 7b, 7d, 7e	Q1 2027 – Q4 2028	London Borough of Enfield
2c	Brimsdown substation landscaping	Landscaping works associated with Brimsdown Substation	N/A	Q4 2028 – Q4 2029	London Borough of Enfield
3a	Tottenham substation preparatory work	Demolition and remediation works.	13	Q3 2024 – Q3 2026	London Borough of Haringey
3b	Tottenham substation	Establishment of material holding facility and laydown area. Modifications to existing protection and control equipment to facilitate the bypass of Tottenham substation by the newly uprated 400kV overhead electricity line. Installation of new cable sealing end compounds at pylons ZBC43 and VC1R; installation of up to twelve 400kV cables predominantly underground from the	9, 10c, 10d, 10e, 13	Q3 2026 – Q2 2027	London Borough of Haringey

Stage	Name	Description	Work Nos	Indicative Period of works	Relevant Local Planning Authority
		northern cable sealing end compound at pylon ZBC43 to the southern cable sealing end compound at pylon VC1R; and installation of two cable bridges across Pymmes Brook.			
3c	Tottenham substation landscaping	Landscaping works associated with Tottenham Substation	N/A	Q1 2027 – Q2 2027	London Borough of Haringey
4a	Enabling works for reconducting Tottenham	Establishment of an access track off Watermead Way.	13	Q1 2026 – Q3 2026	London Borough of Haringey
4b	Reconducting Tottenham to Hackney VC2	Installation of new transmission pylon VC1R, and conductors, insulators and fittings between VC1R and VC2, and new connections between VC1R and gantries. Removal of existing transmission pylon VC1, and conductors, insulators and fittings between VC1R and VC2, and connection between VC1 and the existing Tottenham substation.	11, 12	Q3 2026 – Q2 2028	London Borough of Haringey
4c	Tottenham pylons landscaping	Landscaping works associated with pylons VC1R and VC2 around Tottenham Substation	N/A	Q4 2027 – Q4 2028	London Borough of Haringey
5a	Pylon Works – Waltham Cross	Removal of existing transmission pylon ZBC1, the conductors between ZBC1 and ZBC2, and the connection between ZBC1	1, 2a, 2b, 3a, 3b	Q1 2026 – Q2 2028	Epping Forest District Council

Stage	Name	Description	Work Nos	Indicative Period of works	Relevant Local Planning Authority
		to Waltham Cross substation. Removal of existing transmission pylon 4ZM1; installation of new transmission pylon 4ZM1R.			
5b	Overhead Lines – Epping Forest	Uprating of ZBC OHL between ZBC2 and ZBC12.	1	Q1 2026 – Q4 2027	Epping Forest District Council
5c	Landscaping for Pylons in Epping Forest	Landscaping works around pylons 4ZM1R and ZBC2-12 in Epping Forest, including those at Waltham Cross substation	N/A	Q4 2027 – Q4 2028	Epping Forest District Council
5d	Overhead Lines – Enfield	Establishment of material holding facility and laydown area at car park by Lee Park Way. Uprating of ZBC OHL between ZBC13 to ZBC38.	1, 8	Q1 2026 – Q4 2027	London Borough of Enfield
5e	Landscaping for Pylons in Enfield	Landscaping works around pylons ZBC13-38 in Enfield	N/A	Q4 2027 – Q4 2028	London Borough of Enfield
5f	Overhead Lines – Waltham Forest	Uprating of ZBC OHL between ZBC39 and ZBC42.	1	Q1 2026 – Q4 2027	London Borough of Waltham Forest
5g	Landscaping for Pylons in Waltham Forest	Landscaping works around pylons ZBC39-42 in Waltham Forest	N/A	Q4 2027 – Q4 2028	London Borough of Waltham Forest
5h	Overhead Lines - Haringey	Works to facilitate bypassing of Tottenham substation to include removal of existing phase and earthwire conductors	1, 10a, 10b	Q1 2026 – Q4 2027	London Borough of Haringey

Stage	Name	Description	Work Nos	Indicative Period of works	Relevant Local Planning Authority
		from pylon ZBC43 to existing anchor blocks and installation of new phase and earthwire conductors to gantries within new northern cable sealing end compound and removal of existing cables connecting ZBC43 to Tottenham substation. Uprating of ZBC OHL at ZBC43.			
5j	Landscaping for Pylons in Haringey	Landscaping works around pylons ZBC43 in Haringey	N/A	Q4 2027 – Q4 2028	London Borough of Haringey

- 2.1.3 The stages of the authorised development have been determined by a consideration of the construction activities required to be completed, the construction methodology, geographical location of works, the programme for delivery and sequencing of works. Access will be required at different locations throughout the 5 stages to make sure that the Project can be completed in the most efficient way.
- 2.1.4 The majority of stages have been sequenced to flow in terms of geographical location and timescale of the works. However, there is some overlap between temporary works created to construct the Project.
- 2.1.5 A detailed explanation of the construction activities associated with each stage is provided in Sections 3 – 23 of this document.

3 DETAILED OVERVIEW OF STAGE 1A – STUBBINS HALL LANE LAYDOWN AND CAR PARK

- 3.1.1 This stage has been removed from scope and will no longer be completed. It has been kept here for reference and to preserve the numbering for the preceding substages of Stage 1.

4 DETAILED OVERVIEW OF STAGE 1B – WALTHAM CROSS SUBSTATION

4.1 Stage 1b area

- 4.1.1 Stage 1b relates to works to Waltham Cross substation. Stage 1b will commence in Q1 2026 and will be completed in Q3 2027.

4.2 Relevant planning authorities affected by Stage 1b

- 4.2.1 The relevant planning authority for Stage 1b is Epping Forest District Council (EFDC); the relevant highway authority is Essex County Council (ECC). Part of the works area is within the Lee Valley Regional Park (LVRP), who would be consulted prior to the submission of Requirements 3, 13 and 16.

4.3 Stage 1b description

Preparatory/Temporary Works

- 4.3.1 Access: existing access points to the site via B194 Holyfield Lane / Stubbins Hall Lane will be used and no new accesses will be required for Stage 1b. Access will be via existing tracks, with upgrades made to the running surface where necessary (e.g. very wet ground), temporary roads of either aluminium panels or stone on a geotextile liner will be used. At the Waltham Cross Substation site, there will be limited widening of the LVRP access track (from Stubbins Hall Lane) to facilitate two-way HGV traffic flow.
- 4.3.2 Agreement has been reached between National Grid and EFDC that the temporary haul road for the site could be delivered as the first activity under Stage 1b, subject to the partial discharge of relevant requirements.⁴ This would allow delivery to commence ahead of all requirements for Stage 1b being discharged in full shortly thereafter.
- 4.3.3 The Certified Environmental Measures document outlines the following general traffic management measures for all temporary construction vehicular access points:
- Temporary construction signage - to inform local road users of the construction access points and presence of HGVs.
 - Traffic Routing Strategy - to ensure vehicles accessing each site do so via the most appropriate route and to avoid unnecessary conflict with sensitive areas.
 - Access security personnel - to ensure access points are managed safely and securely.
- 4.3.4 Vegetation clearance: removal of plants and vegetation in the vicinity of Waltham Cross substation to allow for the works within this stage.

⁴ Discussed in a meeting on 29 September 2025, and agreement provided via email on 3 October 2025.

Main Works

- 4.3.5 A new GIS substation will be constructed, including nine ancillary plant modules, a welfare block, a new foul cess pit, an equipment garage, up to four landing gantries, troughing for below ground services, street lighting, fencing, gates, signage, CCTV and a permanent access road. Part of the existing 275kV substation associated with the 275kV circuits being uprated and two decommissioned cable sealing end (CSE) compounds will be removed. Two existing 275–400kV transformers will be dismantled and removed; two 400–275kV transformers will be disconnected; and the transformers will be relocated to an on-site storage location (Work No. 4).

5 DETAILED OVERVIEW OF STAGE 1C – WALTHAM CROSS SUBSTATION LANDSCAPING WORKS

5.1 Stage 1c area

- 5.1.1 Stage 1c relates to landscaping works at Waltham Cross substation. Stage 1c will commence in Q2 2027 and will be completed in Q3 2027.

5.2 Relevant planning authorities affected by Stage 1c

- 5.2.1 The relevant planning authority for Stage 1c is Epping Forest District Council (EFDC); the relevant highway authority is Essex County Council (ECC). Part of the works area is within the Lee Valley Regional Park (LVRP), who would be consulted prior to the submission of Requirement 5.

5.3 Stage 1c description

Landscaping/Replacement Planting

- 5.3.1 Details of any relevant landscaping and replacement planting if required will be submitted to the relevant planning authorities for approval prior to commencement of Stage 1c.

6 DETAILED OVERVIEW OF STAGE 2A – BRIMSDOWN SUBSTATION EARLY WORKS

6.1 Stage 2a area

- 6.1.1 Stage 2a relates to works to Brimsdown Substation. Stage 2a will commence in Q3 2026 and will be completed in Q4 2028.

6.2 Relevant planning authorities affected by Stage 2a

- 6.2.1 The relevant planning and highway authority for Stage 2a is London Borough of Enfield (LBE). Part of the works area is within the LVRP, who would be consulted prior to the submission of Requirements 3, 13 and 16.

6.3 Stage 2a description

Preparatory/Temporary Works

- 6.3.1 Access: existing access points to the site from Mollison Avenue will be used and no new accesses will be required for Stage 2a. Access will be via existing tracks, with upgrades made to the running surface where necessary (e.g. very wet ground), temporary roads of either aluminium panels or stone on a geotextile liner will be used.
- 6.3.2 Earthworks: remodelling of an existing bund and works to temporarily divert Public Right of Way (PRoW) Footpath No. 103 will be undertaken (Work No. 7C).

Main Works

- 6.3.3 The central aspect of works in Stage 2a is the extension of the existing Brimsdown substation, comprising earthworks, trenching, two 400–132kV transformer bays, air insulated switchgear, new diesel generator (as back-up low voltage electricity supply to the substation). In addition, existing 275–132kV transformers, foundations and ancillary equipment will be demolished; and an existing 132kV cable will be diverted (Work No. 6).

7 DETAILED OVERVIEW OF STAGE 2B – BRIMSDOWN SUBSTATION MAIN WORKS

7.1 Stage 2b area

- 7.1.1 Stage 2b relates to works surrounding Brimsdown Substation, including the new cable bridge and footpath. Stage 2b will commence in Q1 2027 and will be completed in Q4 2028.

7.2 Relevant planning authorities affected by Stage 2b

- 7.2.1 The relevant planning and highway authority for Stage 2b is London Borough of Enfield (LBE). Part of the works area is within the LVRP, who would be consulted prior to the submission of Requirements 3, 13 and 16.

7.3 Stage 2b description

Preparatory/Temporary Works

- 7.3.1 Access: a new haul road is required to access the works for stage 2b. The new access will be from Mollison Avenue and will require the construction of a haul road to the east of the Turkey Brook. Upgrades may be needed to existing roads and the running surface where necessary (e.g. very wet ground), temporary roads of either aluminium panels or stone on a geotextile liner will be used. This haul road will also be required for some of the works in this area associated with stage 5d.
- 7.3.2 The Certified Environmental Measures document outlines the following general traffic management measures for all temporary construction vehicular access points:
- Temporary construction signage - to inform local road users of the construction access points and presence of HGVs.
 - Traffic Routing Strategy - to ensure vehicles accessing each site do so via the most appropriate route and to avoid unnecessary conflict with sensitive areas.

- Access security personnel - to ensure access points are managed safely and securely.

Main Works

- 7.3.3 A new bridge over the Small River Lee (Turkey Brook) will be constructed to accommodate a new access and cable route from the existing Brimsdown substation to the new CSE compounds at pylon ZBC19 (Work No. 7A).
- 7.3.4 Following which, a new cable sealing end compound at ZBC19 and up to six 400kV underground cables to the substation over the new bridge will be installed. The existing CSE compound at ZB20, and cables between ZBC20 and the substation, will be removed (Work No. 7B).
- 7.3.5 In addition, works will be undertaken to create a new permanent footpath linking from the dismantled railway to Footpath No. 103 (Work No. 7D); and new permanent diversion of Footpath No. 103 (Work No. 7E).
- 7.3.6 Some works for this substage fall outside of the DCO boundary and are therefore being secured via two separate planning applications under the Town and Country Planning Act 1990 (consent is still to be secured at the time of writing). These are expected to occur as part of Stage 2b.

8 DETAILED OVERVIEW OF STAGE 2C – BRIMSDOWN SUBSTATION LANDSCAPING WORKS

8.1 Stage 2c area

- 8.1.1 Stage 2c relates to landscaping works at Brimsdown Substation. Stage 2c will commence in Q4 2028 and will be completed in Q4 2029.

8.2 Relevant planning authorities affected by Stage 2c

- 8.2.1 The relevant planning and highway authority for Stage 2c is London Borough of Enfield (LBE). Part of the works area is within the LVRP, who would be consulted prior to the submission of Requirement 5 (Landscaping).

8.3 Stage 2c description

Landscaping/Replacement Planting

- 8.3.1 Details of any relevant landscaping and replacement planting if required will be submitted to the relevant planning authorities for approval prior to commencement of Stage 2c.

9 DETAILED OVERVIEW OF STAGE 3A – TOTTENHAM SUBSTATION PREPARATORY WORKS

9.1 Stage 3a area

- 9.1.1 Stage 3a relates to works to facilitate bypassing Tottenham substation. Stage 3a relates to the work needed to prepare the site to include demolition and remediation works. Stage 3a will commence in Q3 2024 and will be completed in Q3 2026.

9.2 Relevant planning authorities affected by Stage 3a

- 9.2.1 The relevant planning and highway authority for Stage 3a is London Borough of Haringey (LBH). Part of the works area is within the LVRP, who would be consulted prior to the submission of Requirements 3, 13 and 16.

9.3 Stage 3a description

Preparatory/Temporary Works

- 9.3.1 Access: existing accesses to Tottenham Substation from Watermead Way and Leaside Road will be used and no new accesses will be required for Stage 3a (upgrades will be required to an access from Watermead Way to facilitate works in Stage 4, see details in Section 0 below). Access will be via existing tracks, with upgrades made to the running surface where necessary (e.g. very wet ground), temporary roads of either aluminium panels or stone on a geotextile liner will be used.
- 9.3.2 Works to facilitate the construction of stage 3b. This includes the demolition of the bus depot (building merchants) and remediation works to prepare the land.
- 9.3.3 The Certified Environmental Measures document outlines the following general traffic management measures for all temporary construction vehicular access points:
- Temporary construction signage - to inform local road users of the construction access points and presence of HGVs.
 - Traffic Routing Strategy - to ensure vehicles accessing each site do so via the most appropriate route and to avoid unnecessary conflict with sensitive areas.
 - Access security personnel - to ensure access points are managed safely and securely.

10 DETAILED OVERVIEW OF STAGE 3B – TOTTENHAM SUBSTATION WORKS

10.1 Stage 3b area

- 10.1.1 Stage 3b relates to works to facilitate bypassing Tottenham substation. Stage 3b relates to the remaining works to facilitate the bypassing of Tottenham substation. Stage 3b will commence in Q3 2026 and will be completed in Q2 2027.

10.2 Relevant planning authorities affected by Stage 3b

- 10.2.1 The relevant planning and highway authority for Stage 3b is London Borough of Haringey (LBH). Part of the works area is within the LVRP, who would be consulted prior to the submission of Requirements 3, 13 and 16.

10.3 Stage 3b description

Preparatory/Temporary Works

- 10.3.1 Construction compound: a material holding facility and laydown area will be established off Watermead Way (Work No. 13).

Main Works

- 10.3.2 Installation of new cable sealing end compounds at pylons ZBC24 and VC1R. Installation of up to twelve 400kV cables predominantly underground from the northern CSE compound at pylon ZBC43 to the southern CSE compound at pylon VC1R will be installed. Two cable bridge will be installed across Pymmes Brook (Work No. 10).
- 10.3.3 In addition, to facilitate the bypass of Tottenham substation some modifications will be made to existing protection and control equipment (Work No. 9).

11 DETAILED OVERVIEW OF STAGE 3C – TOTTENHAM SUBSTATION LANDSCAPING WORKS

11.1 Stage 3c area

- 11.1.1 Stage 3c relates to landscaping work at Tottenham substation. Stage 3b will commence in Q1 2027 and will be completed in Q2 2027.

11.2 Relevant planning authorities affected by Stage 3c

- ~~11.2.1~~ The relevant planning and highway authority for Stage 3c is London Borough of Haringey (LBH). Part of the works area is within the LVRP, who would be consulted prior to the submission of Requirement 5.

11.3 Stage 3c description

Landscaping/Replacement Planting

- 11.3.1 Details of any relevant landscaping and replacement planting if required will be submitted to the relevant planning authorities for approval prior to commencement of Stage 3c.

12 DETAILED OVERVIEW OF STAGE 4A – ENABLING WORKS FOR RECONDUCTING TOTTENHAM TO HACKNEY

12.1 Stage 4a area

- 12.1.1 Stage 4a relates to enabling works to facilitate the reconducting between Tottenham and Hackney via VC2. Stage 4a will commence in Q1 2026 and be completed in Q3 2026.

12.2 Relevant planning authorities affected by Stage 4a

- 12.2.1 The relevant planning and highway authority for Stage 4a is London Borough of Haringey (LBH). Part of the works area is within the LVRP, who would be consulted prior to the submission of Requirements 3, 5, 12, 13 and 16.

12.3 Stage 4a description

Preparatory/Temporary Works

- 12.3.1 Construction compound: to be shared with that for Stage 3.
- 12.3.2 Access: establishment of a new access track off Watermead Way.
- 12.3.3 Vegetation clearance: removal of plants and vegetation in the vicinity of Tottenham substation and relevant pylons to allow for the works within this stage.

13 DETAILED OVERVIEW OF STAGE 4B – RECONDUCTING TOTTENHAM TO HACKNEY

13.1 Stage 4b area

- 13.1.1 Stage 4b relates to works at Tottenham substation, concerning the reconducting between Tottenham and Hackney via VC2. Stage 4b will commence in Q3 2026 and will be completed in Q2 2028.

13.2 Relevant planning authorities affected by Stage 4

- 13.2.1 The relevant planning and highway authority for Stage 4b is London Borough of Haringey (LBH). Part of the works area is within the LVRP, who would be consulted prior to the submission of Requirements 3, 5, 12, 13 and 16.

13.3 Stage 4b description

Preparatory/Temporary Works

- 13.3.1 Construction compound: to be shared with that for Stage 3.
- 13.3.2 Access: existing access points to the site via Watermead Way will be used and no new accesses will be required beyond new one established in Stage 4a. Access will be via existing tracks, with upgrades made to the running surface where necessary (e.g. very wet ground), temporary roads of either aluminium panels or stone on a geotextile liner will be used. At the existing junction of Watermead Way/Marigold Road, dropped kerbs will be installed to facilitate access to pylon VC1.
- 13.3.3 The Certified Environmental Measures document outlines the following general traffic management measures for all temporary construction vehicular access points:
- Temporary construction signage - to inform local road users of the construction access points and presence of HGVs.
 - Traffic Routing Strategy - to ensure vehicles accessing each site do so via the most appropriate route and to avoid unnecessary conflict with sensitive areas.
 - Access security personnel - to ensure access points are managed safely and securely.

13.3.4 Main Works

- 13.3.5 The works in Stage 4b comprise the installation of new transmission pylon VC1R, and conductors, insulators and fittings between VC1R and VC2, and new connections between VC1R and gantries. In addition, the existing transmission pylon at VC1 will be removed, along with conductors, insulators and fittings between VC1R and VC2, and connection between VC1 and the existing Tottenham substation.

14 DETAILED OVERVIEW OF STAGE 4C – TOTTENHAM PYLONS LANDSCAPING

14.1 Stage 4c area

- 14.1.1 Stage 4c relates to landscaping work surrounding pylons VC1R and VC2 at Tottenham substation. Stage 4c will commence in Q4 2027 and will be completed in Q4 2028.

14.2 Relevant planning authorities affected by Stage 4c

- 14.2.1 The relevant planning and highway authority for Stage 4c is London Borough of Haringey (LBH). Part of the works area is within the LVRP, who would be consulted prior to the submission of Requirement 5.

14.3 Stage 4c description

Landscaping/Replacement Planting

- 14.3.1 Details of any relevant landscaping and replacement planting if required will be submitted to the relevant planning authorities for approval prior to commencement of Stage 4c.

15 DETAILED OVERVIEW OF STAGE 5A – PYLON WORKS WALTHAM CROSS

15.1 Stage 5a area

- 15.1.1 Stage 5a relates to necessary works near Waltham Cross substation related to the uprating of the overhead lines (OHL) between Waltham Abbey and Tottenham. Stage 5a will commence in Q1 2026 and will be completed in Q2 2028.
- 15.1.2 Work specifically affecting the overhead lines is intended to take place in two summer circuits, May 2026 through August 2026 and May 2027 through August 2027.

15.2 Relevant planning authorities affected by Stage 5a

- 15.2.1 The relevant planning and highway authority for Stage 5a is Epping Forest District Council (EFDC). Part of the works area is within the LVRP, who would be consulted prior to the submission of Requirements 3, 13 and 16.

15.3 Stage 5a description

Preparatory/Temporary Works

- 15.3.1 The usual working area around each pylon is expected to be approximately a square that has its borders 3m from the edge of the pylon base.
- 15.3.2 Access: Vehicular access (for a 4x4 truck and a tractor winch) must be made to each pylon. At suspension pylons this involves the clearance of any scrub that has grown up along the access route or under the pylon. Where possible, access will be via existing tracks, with upgrades made to the running surface where necessary (e.g. very wet ground), temporary roads of either aluminium panels or stone on a geotextile liner will be used. Pontoon boats and docking facilities will be necessary to gain access to pylon ZBC2 as this pylon is situated on islands.

Main Works

- 15.3.3 Necessary construction works to aid in the central goal of uprating the ZBC OHL between ZBC2 and ZBC43 from 275kV to 400kV. This includes uprating the existing phase conductors, insulators and fittings, replacing steel work and replacing existing earthwire (Work No. 1).
- 15.3.4 At Waltham Cross two new transmission pylons ZBC1A and ZBC1B, new phase conductors, insulators, fittings and an earthwire from pylon ZBC2 to pylon ZBC1B and pylon ZBC1A, and new connections from pylon will be installed (Work No. 3A). Subsequently, the existing transmission pylon ZBC1 will be removed in combination with the conductors between ZBC1 and ZBC2, and the connection between ZBC1 to Waltham Cross substation ZBC1A into the new GIS substation at Waltham Cross (Work No. 3B). This is linked to works covered under Stage 1.
- 15.3.5 Also at Waltham Cross, work will be undertaken to remove the existing transmission pylon 4ZM1 (Work No. 2B). This will be replaced by a new transmission pylon 4ZM1R, alongside the installation of new phase conductors, insulators, fittings and an earthwire conductor from pylon 4ZM1R to pylon

4ZM2, and installation of new connections from pylon 4ZM1R into the new gas insulated switchgear (GIS) substation at Waltham Cross (Work No. 2A).

16 DETAILED OVERVIEW OF STAGE 5B – OVERHEAD LINES EPPING FOREST

16.1 Stage 5b area

- 16.1.1 Stage 5b relates to upgrades to the section of the ZBC overhead line in Epping Forest District Council. The stage will commence in Q1 2026 and will be completed in Q4 2027.
- 16.1.2 Work specifically affecting the overhead lines is intended to take place in two summer circuits, May 2026 through August 2026 and May 2027 through August 2027.

16.2 Relevant planning authorities affected by Stage 5b

- 16.2.1 The relevant planning and highway authority for Stage 5b is Epping Forest District Council (EFDC). Part of the works area is within the LVRP, who would be consulted prior to the submission of Requirements 3, 13 and 16.

16.3 Stage 5b description

Preparatory/Temporary Works

- 16.3.1 The usual working area around each pylon is expected to be approximately a square that has its borders 3m from the edge of the pylon base.
- 16.3.2 Access: Vehicular access (for a 4x4 truck and a tractor winch) must be made to each pylon. At suspension pylons this involves the clearance of any scrub that has grown up along the access route or under the pylon. Where possible, access will be via existing tracks, with upgrades made to the running surface where necessary (e.g. very wet ground), temporary roads of either aluminium panels or stone on a geotextile liner will be used. Pontoon boats and docking facilities will be necessary to gain access to pylons ZBC3 – ZBC5 as these pylons are situated on islands.
- 16.3.3 A new access will be created from Beaulieu Drive to facilitate access to pylon ZBC10.

Main Works

- 16.3.4 The central aspect of the works in Stage 5b is upgrading the ZBC OHL between ZBC3 and ZBC12 from 275kV to 400kV. This includes upgrading the existing phase conductors, insulators and fittings, replacing steel work and replacing existing earthwire (Work No. 1).

17 DETAILED OVERVIEW OF STAGE 5C– LANDSCAPING FOR WALTHAM CROSS PYLONS

17.1 Stage 5c area

- 17.1.1 Stage 5c relates to landscaping work surrounding pylons at Waltham Cross substation and in Epping Forest (those affected by Stages 5a and 5b). Stage 5c will commence in Q4 2027 and will be completed in Q4 2028.

17.2 Relevant planning authorities affected by Stage 5c

- 17.2.1 The relevant planning and highway authority for Stage 5c is Epping Forest District Council (EFDC). Part of the works area is within the LVRP, who would be consulted prior to the submission of Requirement 5.

Landscaping/Replacement Planting

- 17.2.2 Details of any relevant landscaping and replacement planting if required will be submitted to the relevant planning authorities for approval prior to commencement of Stage 5c.

18 DETAILED OVERVIEW OF STAGE 5D – OVERHEAD LINES ENFIELD STAGE 5D AREA

18.1.1 Stage 5d relates to upgrades to the section of the ZBC overhead line in London Borough of Enfield. This stage will commence in Q1 2026 and will be completed in Q4 2027.

18.1.2 Work specifically affecting the overhead lines is intended to take place in two summer circuits, May 2026 through August 2026 and May 2027 through August 2027.

18.2 Relevant planning authorities affected by Stage 5d

18.2.1 The relevant planning and highway authority for Stage 5d is the London Borough of Enfield (LBE). Part of the works area is within the LVRP, who would be consulted prior to the submission of Requirements 3, 13 and 16.

18.3 Stage 5d description

Preparatory/Temporary Works

18.3.1 Construction compound: a material holding facility and laydown area will be established in the car park off Lee Park Way with construction related buildings and welfare facilities (Work No. 8). This laydown area will, in part, be used for loading barges to bring equipment to pylons ZBC29 – ZBC35; an existing wharf at this location will be brought back into use to facilitate this. Work on the laydown area will begin in April 2026.

18.3.2 The usual working area around each pylon is expected to be approximately a square that has its borders 3m from the edge of the pylon base.

18.3.3 Access: Vehicular access (for a 4x4 truck and a tractor winch) must be made to each pylon. At suspension pylons this involves the clearance of any scrub that has grown up along the access route or under the pylon. Where possible, access will be via existing tracks, with upgrades made to the running surface where necessary (e.g. very wet ground), temporary roads of either aluminium panels or stone on a geotextile liner will be used.

18.3.4 A new haul road is required for access to pylon ZBC19. This road is expected to be constructed for Stage 2b and will remain in use for this stage.

18.3.5 Dropped kerbs will be installed at the access to pylon ZBC38.

Main Works

18.3.6 The central aspect of the works in Stage 5d1 is upgrading the ZBC OHL between ZBC13 and ZBC38 from 275kV to 400kV. This includes upgrading the existing phase conductors, insulators and fittings, replacing steel work and replacing existing earthwire (Work No. 1).

19 DETAILED OVERVIEW OF STAGE 5E– LANDSCAPING FOR PYLONS IN ENFIELD

19.1 Stage 5e area

- 19.1.1 Stage 5e relates to landscaping work surrounding pylons within Enfield (those affected by Stages 5d1 and 5d2). Stage 5e will commence in Q4 2027 and will be completed in Q4 2028.

19.2 Relevant planning authorities affected by Stage 5e

- 19.2.1 The relevant planning and highway authority for Stage 5e is the London Borough of Enfield (LBE). Part of the works area is within the LVRP, who would be consulted prior to the submission of Requirement 5.

Landscaping/Replacement Planting

- 19.2.2 Details of any relevant landscaping and replacement planting if required will be submitted to the relevant planning authorities for approval prior to commencement of Stage 5e.

20 DETAILED OVERVIEW OF STAGE 5F – OVERHEAD LINES WALTHAM FOREST

20.1 Stage 5f area

- 20.1.1 Stage 5f relates to upgrades to the section of the ZBC overhead line in London Borough of Waltham Forest (LBWF). This stage will commence in Q1 2026 and will be completed in Q4 2027.
- 20.1.2 Work specifically affecting the overhead lines is intended to take place in two summer circuits, May 2026 through August 2026 and May 2027 through August 2027.

20.2 Relevant planning authorities affected by Stage 5f

- 20.2.1 The relevant planning and highway authority for Stage 5f is the London Borough of Waltham Forest (LBWF). Part of the works area is within the LVRP, who would be consulted prior to the submission of Requirements 3, 13 and 16.
- 20.2.2 London Borough of Enfield will also be consulted as the cables covered in this stage cross the boundary between authorities.

20.3 Stage 5f description

Preparatory/Temporary Works

- 20.3.1 The usual working area around each pylon is expected to be approximately a square that has its borders 3m from the edge of the pylon base.
- 20.3.2 Access: Vehicular access (for a 4x4 truck and a tractor winch) must be made to each pylon. At suspension pylons this involves the clearance of any scrub that has grown up along the access route or under the pylon. Where possible, access will be via existing tracks, with upgrades made to the running surface where necessary (e.g. very wet ground), temporary roads of either aluminium panels or stone on a geotextile liner will be used.

Main Works

- 20.3.3 The central aspect of the works in Stage 5f is uprating the ZBC OHL between ZBC39 and ZBC42 from 275kV to 400kV. This includes uprating the existing phase conductors, insulators and fittings, replacing steel work and replacing existing earthwire (Work No. 1).

21 DETAILED OVERVIEW OF STAGE 5G– LANDSCAPING FOR PYLONS IN WALTHAM FOREST

21.1 Stage 5g area

- 21.1.1 Stage 5g relates to landscaping work surrounding pylons within Waltham Forest (those affected by Stage 5f). Stage 5g will commence in Q4 2027 and will be completed in Q4 2028.

21.2 Relevant planning authorities affected by Stage 5g

- 21.2.1 The relevant planning and highway authority for Stage 5g is the London Borough of Waltham Forest (LBWF). Part of the works area is within the LVRP, who would be consulted prior to the submission of Requirement 5.

Landscaping/Replacement Planting

- 21.2.2 Details of any relevant landscaping and replacement planting if required will be submitted to the relevant planning authorities for approval prior to commencement of Stage 5g.

22 DETAILED OVERVIEW OF STAGE 5H – OVERHEAD LINES HARINGEY

22.1 Stage 5h area

- 22.1.1 Stage 5h relates to upgrades to the ZBC overhead line in the London Borough of Haringey (LBH) close to Tottenham substation. This stage will commence in Q1 2026 and will be completed in Q4 2027.
- 22.1.2 Work specifically affecting the overhead lines is intended to take place in two summer circuits, May 2026 through August 2026 and May 2027 through August 2027.

22.2 Relevant planning authorities affected by Stage 5h

- 22.2.1 The relevant planning and highway authority for Stage 5h is the London Borough of Haringey (LBH). Part of the works area is within the LVRP, who would be consulted prior to the submission of Requirements 3, 13 and 16.

22.3 Stage 5h description

Preparatory/Temporary Works

- 22.3.1 The usual working area around each pylon is expected to be approximately a square that has its borders 3m from the edge of the pylon base.
- 22.3.2 Access: Vehicular access (for a 4x4 truck and a tractor winch) must be made to each pylon. At suspension pylons this involves the clearance of any scrub that has grown up along the access route or under the pylon. Where possible, access will be via existing tracks, with upgrades made to the running surface where necessary (e.g. very wet ground), temporary roads of either aluminium panels or stone on a geotextile liner will be used.

Main Works

- 22.3.3 The central aspect of the works in Stage 5h is uprating the ZBC OHL at ZBC43 from 275kV to 400kV. This includes uprating the existing phase conductors, insulators and fittings, replacing steel work and replacing existing earthwire (Work No. 1).
- 22.3.4 To facilitate the bypass of Tottenham substation, existing phase and earthwire conductors from pylon ZBC43 to existing anchor blocks will be removed, as well as existing cables connecting ZBC43 to Tottenham substation. New sealing end compounds will be installed at pylons ZBC43 (northern) and VC1R (southern), as well as new phase and earthwire conductors to gantries within the northern compound.

23 DETAILED OVERVIEW OF STAGE 5J– LANDSCAPING FOR PYLONS IN HARINGEY

23.1 Stage 5j area

- 23.1.1 Stage 5j relates to landscaping work surrounding pylons within Waltham Forest (those affected by Stage 5h). Stage 5j will commence in Q4 2027 and will be completed in Q4 2028.

23.2 Relevant planning authorities affected by Stage 5j

- 23.2.1 The relevant planning and highway authority for Stage 5j is the London Borough of Haringey (LBH). Part of the works area is within the LVRP, who would be consulted prior to the submission of Requirement 5.

Landscaping/Replacement Planting

- 23.2.2 Details of any relevant landscaping and replacement planting if required will be submitted to the relevant planning authorities for approval prior to commencement of Stage 5j.

Note for all sub-stages of Stage 5

- 23.2.3 Platforms: at tension pylons, the use of a work platform will be necessary. Platforms are between 16m and 20m long and are winched up the pylons to allow works to continue safely whilst tension is kept on the wire. This includes placing a concrete block close to the pylon as an anchor for the platform and the requirement for a greater degree of access to allow the delivery and handling of the work platform.

24 IMPLEMENTATION

24.1 The Stage Plan in implementation of the Project

- 24.1.1 Should the content of this scheme need to be updated, an updated version of this document will be submitted to all the relevant planning authorities for approval under Requirement 3. The relevant planning authorities would be made aware of a potential future submission.

APPENDIX A – SCHEDULE 2 REQUIREMENTS OF THE NATIONAL GRID (NORTH LONDON CONNECTION PROJECT) ORDER 2014

SCHEDULE 2 REQUIREMENTS Article 45

Interpretation

1. In this Schedule—

“approved details” means the design drawings and sections certified under article 43 by the Secretary of State for the purposes of this Order;

“commence” means begin to carry out a material operation, and any derivative of “commence” shall be construed accordingly;

“material operation” means a material operation as defined in section 155 of the 2008 Act (when development begins) which is comprised in or carried out for the purposes of the authorised development, or any part of the authorised development, but does not include any remediation, environmental (including archaeological) investigation, site or soil survey, erection of contractors’ work compound, erection of site office, erection of fencing to site boundaries or marking out of site boundaries; and

“stage” means a defined section or part of the authorised development, the extent of which is shown in a scheme submitted to and approved by the relevant planning authority pursuant to requirement 3.

Time Limits

2. The authorised development must be commenced within 5 years of the date of this Order.

Stages of authorised development

3. The authorised development shall not commence until a written scheme setting out all the stages of the authorised development has, after consultation with the relevant highway authority and Lee Valley Regional Park Authority, been submitted to and approved by the relevant planning authority.

In accordance with approved details

4. The authorised development shall be carried out in accordance with the approved details unless otherwise agreed by the relevant planning authority.

Landscaping

5.—(1) No stage of the authorised development shall commence until a written landscaping scheme for that stage has, after consultation with the Lee Valley Regional Park Authority where the scheme refers to any land within the boundary of the Lee Valley Regional Park, been submitted to and approved by the relevant planning authority.

(2) Each landscaping scheme submitted under requirement 5(1) shall reflect the environmental measures set out in the environmental measures document.

(3) Where submitted for land in the designated Enfield Lock Conservation Area, a landscaping scheme submitted under requirement 5(1) shall include measures that preserve the character and appearance of the Enfield Lock Conservation Area, to the satisfaction of the relevant planning authority.

(4) Each landscaping scheme submitted under requirement 5(1) shall include details of—

- (a) retained landscape features;**
- (b) location, number, species, size and planting density of any proposed planting;**
- (c) cultivation, importing of materials and other operations to ensure plant establishment;**
- (d) implementation timetables for all landscaping;**
- (e) temporary fencing that complies with current best practice to protect trees and hedgerows adjacent to the works;**

- (f) the dimensions and materials for new sections of pedestrian or cycle paths where applicable; and
- (g) the colour of permanent security fencing around infrastructure.

Implementation and maintenance of landscaping

6.—(1) All landscaping work shall be carried out in general accordance with the relevant landscaping scheme and implementation timetable approved under requirement 5.

(2) Any tree or shrub planted as part of a landscaping scheme approved under requirement 5 that, within a period of five years after planting, is removed, dies or becomes in the opinion of the relevant planning authority seriously damaged or diseased, must be replaced in the first available planting season with a specimen of the same species and size as that originally planted, unless otherwise approved by the relevant planning authority.

Highway accesses

7.—(1) No stage of the authorised development shall commence until for that stage written details of the siting, design and layout of any new permanent or temporary means of access to a highway to be used by vehicular traffic, or any alteration to an existing means of access to a highway used by vehicular traffic, has, after consultation with the relevant highway authority, been submitted to and approved by the relevant planning authority.

(2) The highway accesses must be constructed in accordance with the approved details unless otherwise agreed with the relevant planning authority.

(3) No stage of the authorised development shall commence until for that stage, a written access management scheme for the arrangements for the use and maintenance of highway accesses during construction of that stage has been submitted to and approved by the relevant highway authority.

(4) The access management scheme must be carried out in accordance with the approved details unless otherwise agreed with the relevant highway authority.

Public rights of way

8.—(1) No authorised development that would affect footpath V at Angel Road North Circular Road, London N18 3SB shall commence until a written implementation plan and specification for the making up of an alternative right of way has been submitted to and approved by the relevant highway authority.

(2) The alternative footpath between FP74 and FP76 via FP75 as shown on Sheet 8 of the access/rights of way plans shall be implemented in accordance with the approved plan and specification unless otherwise agreed with the relevant highway authority.

Construction traffic management plan

9.—(1) No stage of the authorised development shall commence until a construction traffic management plan for that stage has been submitted to and approved by the relevant highway authority. The construction traffic management plan for that stage shall include—

- (a) construction vehicle routing plans;
- (b) site access plans;
- (c) means of managing shared use routes, including pedestrian and cycling safety measures where applicable;
- (d) proposals for the scheduling and timing of movements of delivery vehicles;
- (e) proposals for assessing the existing condition of affected highways;
- (f) proposals for the making good of any incidental damage to highways by construction traffic associated with that stage of the authorised development including street furniture, structures, drainage features, highway verge and carriageway surfaces; and
- (g) construction laydown area details affecting highways.

(2) Each construction traffic management plan shall be implemented as approved unless otherwise agreed with the relevant highway authority.

Surface water drainage

10.—(1) No stage of the authorised development shall commence until for that stage, written details of the surface and foul water drainage system (including means of pollution control) have, after consultation with the sewerage and drainage authority, been submitted to and approved by the relevant planning authority.

(2) The surface and foul water drainage system must be constructed in general accordance with the details approved in accordance with requirement 10(1) unless otherwise agreed with the relevant planning authority.

Contaminated land and groundwater

11.—(1) No stage of the authorised development shall commence until a written scheme applicable to that stage, to deal with the contamination of any land, including groundwater, within the Order limits which is likely to cause significant harm to persons or pollution of controlled waters or the environment has, after consultation with the Environment Agency, been submitted to and approved by the relevant planning authority.

(2) Each scheme submitted under requirement 11(1) shall include an investigation and assessment plan and relevant reports, prepared by a specialist consultant approved by the relevant planning authority in consultation with the Environment Agency, to identify the extent of any contamination and the remedial measures to be taken to render the land fit for its intended purpose, together with a management plan which sets out immediate and long-term remedial measures with respect to any contaminants found to be remaining on the site. The plan shall include a scheme of post-remedial monitoring, as necessary to demonstrate that the remediation works have been carried out appropriately and site remediation criteria have been met.

(3) Remedial measures must be carried out in general accordance with the scheme approved in accordance with requirement 11(1) unless otherwise agreed with the relevant planning authority. Where provided for in the scheme, post-remedial monitoring must be carried out to demonstrate that the remediation works have been carried out appropriately and the site remediation criteria have been met.

Ecological Management Strategy

12.—(1) No stage of the authorised development shall commence until a written ecological management strategy applicable to that stage, reflecting the ecological measures included in the environmental measures document, has after consultation with the Environment Agency, Natural England and, where it refers to any land within the boundary of the Lee Valley Regional Park, Lee Valley Regional Park Authority, been submitted to and approved by the relevant planning authority.

(2) Each ecological management strategy prepared in accordance with requirement 12(1) shall include an implementation timetable and must be carried out as approved unless otherwise agreed with the relevant planning authority.

Construction environmental management plan

13.—(1) No stage of the authorised development shall commence until a construction environmental management plan for that stage specifying measures to be used to minimise the impacts of construction works, such as means of minimising pollution from dust, noise, vibration and lighting, wheel cleansing facilities, routes for construction traffic and working hours and reflecting the measures included in the environmental measures document has, after consultation with the Lee Valley Regional Park Authority where it refers to any land within the boundary of the Lee Valley Regional Park, been approved by the relevant planning authority.

(2) All construction works shall be undertaken in accordance with the construction environmental management plan prepared in accordance with requirement 13(1), unless otherwise agreed by the relevant planning authority.

Archaeology

14.—(1) No stage of the authorised development shall commence until for that stage, a written scheme for the investigation of areas of archaeological interest (as identified in the environmental measures document) has, after consultation with the Historic Buildings and Monuments Commission for England, been approved

by the relevant planning authority.

- (2) Each scheme submitted under requirement 14(1) shall identify areas where one or more of—
- (a) field work; and
 - (b) a watching brief

are required, and the measures to be taken to protect, record or preserve any significant archaeological remains that may be found.

(3) Any archaeological works or watching brief carried out under the scheme submitted under requirement 14(1) must be by a suitably qualified person or body.

(4) Any archaeological works or watching brief must be carried out in general accordance with the scheme approved under requirement 14(1) unless otherwise agreed with the relevant planning authority.

Flood Storage

15.—(1) Work No. 7A and 7B shall not commence until a written scheme for compensatory flood storage has been submitted to and has, after consultation with the Environment Agency, been approved by the Enfield London Borough Council.

(2) The compensatory flood storage shall be constructed in accordance with the approved scheme.

(3) The written scheme of flood compensation shall include—

- (a) a schedule of staging and timing relating to the construction of Work No. 7A, 7B and the compensatory flood storage;
- (b) flood storage up to and including the modelled 1 to 100 chance in any year including a 20% allowance for climate change flood level; and
- (c) no increase in flood risk off site.

Works within the Lee Valley Regional Park

16. Where an application for consent or agreement is required under requirements 12, 13 or 14 and the application relates to land within the boundary of the Lee Valley Regional Park, the undertaker must give written notice to the Lee Valley Regional Park Authority that an application has been submitted.

Approvals given

17.—(1) Any approval or agreement which is given by the relevant planning authority or relevant highway authority under these requirements must be given in writing.

(2) Where the words “unless otherwise approved by the relevant planning authority” or “unless otherwise agreed with the relevant planning authority” or “unless otherwise agreed with the relevant highway authority” are used in these requirements such approval or agreement may only be given in relation to immaterial changes where it has been demonstrated to the satisfaction of the relevant planning authority or relevant highway authority that the subject matter of the approval or agreement sought is unlikely to give rise to any materially new or materially different environmental effects from those assessed in the environmental statement.

Amendments to approved details

18.—(1) With respect to any requirement which requires the authorised development to be carried out in accordance with the details approved by the relevant planning authority or relevant highway authority, the approved details shall be taken to include any amendments that may subsequently be approved in writing by the relevant planning authority or relevant highway authority.

(2) Where any amendments are proposed to approved details in relation to any requirement in this Schedule and that requirement requires prior consultation with a third party the undertaker shall consult with that third party prior to submitting an application to amend the approved details.

Where amendments are proposed to approved details in relation to any requirement in this Schedule they must be submitted in writing to the relevant planning authority or relevant highway authority.